

Pore water pressure measurement

MAIN FEATURES

- Programmable in Imperial or metric units
- Battery operated
- Peak function (positive and negative)

GENERAL DESCRIPTION

Pore pressure can be precisely measured with this electronic system connected to the pressure transducers (eg. Our models 28-WF6300) fit to the triaxial cell by the de-airing block 28-WF6310 (for the Banded triaxial cells) or by the de-airing block 28-WF4459 (for the Standard triaxial cells).

No need of Data acquisition system, so it can be use for triaxial test with manual mechanical measuring mode.

This digital pressure gauge consists of a long-term steady analogic section, and of a 16 bit converter A/D which guarantees 65000 internal divisions. The unit has internal batteries with 1-year autonomy, which is also guaranteed by the AUTO-POWER-OFF function which activates if in 30 minutes any measurement change is not detected. The unit is fit with a multiplexer selector switch.

TECHNICAL SPECIFICATIONS

- Displays: 4x20 characters display
- Measuring units (programmable): mbar, bar, MPa, kPa, p.s.i.
- Accuracy: $\pm 0.2\%$ full scale
- Scanning rate: 50 readings per second
- Dimensions (lxdxh): 120x130x75 mm
- Weight approx.: 1 kg

ORDERING INFO

28-WF4450

Three channels digital readout unit for pore pressure measurement. Battery operated.

ACCESSORIES

28-WF6300

Pressure transducer, 10 bar

28-WF6301

Pressure transducer, 20 bar

28-WF6302

Pressure transducer, 35 bar

28-WF6310

De-airing block for pressure transducers. For Banded triaxial cells.

28-WF4459

DATA SHEET

De-airing block for pressure transducers. For Standard triaxial cells.



28-WF4450 with three pressure transducers 28-WF6300



triaxial cells

Pressure transducer 28-WF6300 with De-airing block 28-WF6310 for Banded



triaxial cells

Pressure transducer 28-WF6300 with De-airing block 28-WF4459 for Standard